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Annual Report

on the

Public Health Services

of the

Borough of Bacup

1942

by

James W. McKinney,
M.B., Ch.B., D.P.H.,

MEDICAL OFFICER OF HEALTH
Maternity and Child Welfare Medical Officer
and School Medical Officer

BACUP:
Howard & Hargreaves, General Printers, Yorkshire Street Mill.

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HEALTH COMMITTEE.

His Worship the Mayor, Alderman T. Coates, Esq., J.P., (*ex officio*).

Alderman Eli Gledhill, Chairman.

Councillor J. H. Hargreaves, Vice-Chairman.

Councillor F. D. Ashworth.

,, H. Ashworth.

,, T. Ashworth.

,, E. Barcroft.

,, W. Marshall, J.P.

,, A. Rhodes.

,, F. Smith.

,, S. C. Smith.

,, Mrs. J. E. Hall.

MATERNITY AND CHILD WELFARE SUB-COMMITTEE.

All the Health Committee.

The Mayoress, Mrs. T. Coates.

Mrs. H. Graham.

Mrs. J. A. Hargreaves, J.P.

Mrs. E. Howorth.

Mrs. J. Macdonald, J.P.

Mrs. W. M. Taylor.

STAFF.

Medical Officer of Health ; Maternity and Child Welfare Officer and School Medical Officer :

J. W. McKINNEY, M.B., CH.B., D.P.H.

Dental Surgeon to Education Authority :

* J. MIDGLEY, L.D.S.

Consulting Orthopaedic Surgeon :

* S, M. MILNER, F.R.C.S.,M.A.,M.B.

Consulting Nose and Throat Surgeon :

* PHILIP A. HARRY, M.D.,Ch.B.,DP..H.

Puerperal Pyrexia Consultant :

* DR. A. CALLUM, D.S.O.,M.D.,F.R.C.S.E.,
1, Ormerod Road, Burnley. (Telephone : Burnley 3973).

Consulting Obstetrician :

* ROBERT NEWTON, M.D.,M.C.O.G.,
11, St. John Street, Manchester,
(Telephones : Blackfriars 2198 and Sale 4878).

Child Guidance Psychiatrist :

* MICHAEL BALINT, M.D.,Ph.D.

Psychologist : * MRS. E. HENSHAW, M.Sc.

Social Worker for Child Guidance : * MISS B. COOKE

Speech Therapist : * MISS E. BRADY.

Borough Analyst : * T. R. HODGSON, M.A., F.I.C., F.C.S.

Chief Sanitary Inspector and Cleansing Superintendent :

W. A. HEALEY, A.M.Inst.P.C.,C.R.S.I.

Health Visitor :

MISS E. HUMPHREYS (Appointed August, 1942.)

School Nurse : MISS. B. KELLY, S.R.N., Cert. Health Visitor.

Clerks : Clifford Walkden (in H.M. Forces), Geoffrey Coleman.

Miss M. Lambert	Miss G. Howorth,	F. T. Howorth
(Temp,)	(App. March, '42)	(App. Oct. '42)

Dental Assistant : MRS. J. SUDWORTH.

* Part Time

Public Health Department,

Rochdale Road,

BACUP,

May, 1943.

To the Mayor, Alderman and Burgesses
of the Borough of Bacup.
Mr. Mayor, Ladies and Gentlemen,

I have the honour to present to you my Twelfth Annual Report on the Health of the Borough.

This Report deals with Statistics for the year 1942 and is still abbreviated as a result of War Conditions.

In spite of the fact that Immunisation covered a big percentage of the children there was a fairly serious outbreak of Diphtheria occurred in the last quarter of the year. There were no deaths in the Immunised Groups and a large number of the cases occurred amongst adolescents. Otherwise the health of the community is being well maintained.

I again wish to thank the Staff, both of my own and other Corporation Departments for all their help and co-operation, and also Health Committee for their continued consideration.

I am, Mr. Mayor, Ladies and Gentlemen,

Your Obedient Servant,

JAMES W. McKINNEY,
Medical Officer of Health

MEDICAL OFFICER'S ANNUAL REPORT FOR THE YEAR 1942.

Statistics and Social Conditions of the Area.

Area (Acres) ...	— ...	6,121
Population (Census 1931)	...	20,590
Estimated Population (1942)	...	17,910
No. of inhabited Houses (1931)	...	5,964
Rateable Value ...	...	£88,622
Sum represented by a 1d. Rate	...	£343

Vital Statistics for the Year 1942.

		Total	Male	Female
Live Births	Legitimate	231	122	109
	Illegitimate	17	9	8
	Total	248	131	117
Deaths of Infants under one year		15	10	5
Stillbirths... ...		15	4	11
Deaths		224	113	111

Birth Rate ... ... 13·8 per 1,000 of population
Death Rate ... ... 12·6 per 1,000 of population
Infantile Mortality Rate ... 60·5 per 1,000 Live Births
Maternal Deaths ... ... Nil

Respiratory diseases.

The number of deaths from the above were : Bronchitis 10 ; Pneumonia 4 ; other respiratory diseases 2 ; a total of 16, giving a Death Rate of .89 per 1,000 of the population against a death rate of 2.41 for 1941.

Diarrhoea and Enteritis.

There were two deaths under two years of age, giving a death rate of 8·0 per 1,000 live births. The death rate for England and Wales for 1942 was 5.2 per 1,000 Live-Births.

Cancer and Malignant disease.

The deaths from the above were Males : 12 ; Females : 24 ; total : 36. This gives a death rate of 2.00 for 1942 as against 2.46 for 1941.

Maternal Mortality.

There were no death during the year.

General Provision of Health Services and Hospital Arrangements.

MATERNITY AND CHILDREN.
ORTHOPAEDIC CLINIC.
SMALLPOX.
FEVERS AND OTHER DISEASES.
AMBULANCE FACILITIES.

These are the same as set out in the Report for the year 1940.

Hospital Arrangements.

During the year 1942, Recommend-Vouchers have been supplied to patients as follows :—

	Inpatients.	Out-patients	Total.
Bury Infirmary	212	186	398
Rochdale Infirmary	145	229	374
Manchester Royal Infirmary ...	71	120	191
St. Mary's Hospital, Manchester	36	27	63
Royal Manchester Children's Hospital	35	21	56
Burnley Victoria Hospital ...	34	13	52
Manchester Royal Eye Hospital	9	37	46
Manchester & Salford Skin Hospital	12	6	18
Manchester Ear Hospital ...	2	2	4
Dental Hospital of Manchester	—	4	4
Salford Royal Hospital ...	2	1	3
Royal Halifax Infirmary ...	3	—	3
Manchester Northern Hospital	2	1	3
Other Hospitals	13	8	21
Greenfield Massage Centre ...	Massage	76	235
	XRay	159	
	576	922	1493

The above Recommend-Vouchers have been issued through the Bacup Borough Hospital Fund.

	Causes of Death	Males	F'm'l's
	All Causes	113	111
1	Typhoid and Paratyphoid Fevers	—	—
2	Cerebro spinal fever	—	—
3	Scarlet fever	—	—
4	Whooping Cough	—	—
5	Diphtheria	—	2
6	Tuberclosis of respiratory system ...	8	3
7	Other forms of Tuberclosis	1	1
8	Syphilitic diseases	1	—
9	Influenza	1	1
10	Measles...	—	—
11	Acute Poliomyelitis and Polioencephalitis	—	—
12	Acute Infectious Encephalitis ...	1	—
13	Cancer of buccal cavity and oesophagus (M.), Uterus (F) ...	—	4
14	Cancer of Stomach and duodenum...	4	5
15	Cancer of Breast	—	7
16	Cancer of all other sites	8	8
17	Diabetes	—	—
18	Intracranial vascular lesions ...	15	17
19	Heart Disease...	29	29
20	Other diseases of circulatory system	4	3
21	Bronchitis	7	3
22	Pneumonia	3	1
23	Other respiratory diseases	—	2
24	Ulcer of stomach or duodenum ...	1	—
25	Diarrhoea	1	1
26	Appendicitis	—	—
27	Other digestive disorders	4	2
28	Nephritis	5	4
29	Peurperal and Post-abortive Sepsis	—	—
30	Other maternal causes	—	—
31	Premature Birth	—	1
32	Congenital Malformations, birth injury, Infantile Diseases ...	6	2
33	Suicide	3	1
34	Road Traffic Accidents	—	—
35	Other violent Causes...	4	8
36	All other causes	7	6

Details of Water Supplies, Drainage and Sewerage for the Year Ended 31st December, 1942.

New connections to Town's Water.

Private Houses ...	High Level 4 ;	Low Level 8	12
Farms	do. 3	do. 2	5
Allotment			1 (by Meter)
British Restaurant			1
Mills (6″ sprinkler valve)			1
Park Conveniences and Greenhouse			1
Club (Tap and Heating Apparatus) ...			1
Office (Tap)			1

New Connections to existing service pipes.

Hot Water ...	5 High Level	8 Low Level	...	13
Wash Basins ...		12 do.	...	12
Baths		13 do. ...	...	13
Sinks		3 do. (1 by meter)		3
W.C's.	1 do.	28 do.	9 do.	29

New Districts connected to Town's Water.

Higher Greens	146 lin. yards.	3″ dia. everite pipes	L.L.
Higher Stack Farm	16 ,, ,,	3″ ,, spun pipes	H.L.
Bankside Lane to Princess Street	60 ,, ,,	3″ ,, ,, ,,	L.L.

Total Number of Connections and Consumers of Town's Water.

Domestic Connections (Dec. 1942) 5,844
At 3.33 persons per connection 19,480
(This figure has been revised and from January, 1943 is to be based on 5,818 connections at 3 persons per connection—17,454 persons)

Water Analysis.

During the year 1942, 31 samples were sent to the Borough Analyst who reported that 28 samples were excellent; two slightly acid and one acid

Bacteriological examinations were made on 13 samples and all the samples were reported to have no coliform organisms present in 100 c.c.

Apparatus for chlorinating the whole of the Town's water has been installed.

DRAINAGE AND SEWERAGE.

No new sewers or surface water drains were laid during 1942. Maintenance and repairs have been carried out as required and one diversion (near Ross Mill Canteen) has been effected.

Repairs to drains ...	Houses 53, Schools 6
,, ,, Sewers ...	6
,, ,, Street Gullies,	12
Private Orders ...	16
Surface water drain...	1 (diversion)

HOUSING.

No new houses have been erected by either private enterprise or the Local Authority during the year under review.

H. GUFFOGG, M.INST. M. & CY.E.
Borough and Water Engineer.

HOUSING STATISTICS, 1942.

1. Inspection of Dwellinghouses during the Year :—
   (1) (a) Total Number of dwellinghouses inspected for housing defects (under Public Health and Housing Acts) 167
   (b) Number of inspections made for the purpose... 393
   (2) (a) Number of dwellinghouses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925 19
   (3) Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ... —
   (4) Number of dwellinghouses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation 19
2. Remedy of Defects during the year without service of Formal Notices :—
   Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their officers 160

FOOD AND DRUGS ACT, 1938.

The following samples were taken and submitted to the Borough Public Analyst :—

Article	No. of samples taken	Genuine	Not Genuine	Remarks
Milk ... ... (Taken by Mr.W.A.Healey)	29	27	2	Vendor fined £3 plus £2-2-0 Costs Vendor fined £20 plus £1.1-0 Costs
Raspberry Sponge	1	1	—	—
Syrup of Figs ...	1	1	—	—
Malt Vinegar ...	1	1	—	—
Pepper	2	2	—	—
Custard	2	2	—	—
Potted Meat ...	3	2	1	Deficient of 13% of its meat solids.
Peanut Butter...	1	1	—	—
Chest & Lung Mixture ...	1	1	—	—
Baking Powder	1	1	—	—
Tea	1	1	—	—
Star Sauce ...	1	1	—	—
Cough Cure ...	2	2	—	—
Vitacup	1	1	—	—
Polony	1	1	—	—
Self-RaisingFlour	1	1	—	—
Bicarbonate of Soda	1	1	—	—
Coffee	1	1	—	—
Brawn	1	1	—	—
Epsom Salts ...	1	1	—	—

Infectious Diseases.

DIPHTHERIA. During the year there were 29 cases, and 2 deaths. 26 cases treated in hospital. The number of cases in 1941 was 4.

ERYSIPELAS. 3 cases. 13 cases in 1941.

SCARLET FEVER. 13 cases. No deaths. 31 cases in 1941.

PUERPERAL PYREXIA. No cases. No cases in 1941.

WHOOPING COUGH. No cases. 87 cases in 1941.

PNEUMONIA. 28 cases compared with 21 in 1941. 3 deaths compared with 6 in 1941.

SMALLPOX. There were no cases notified during the year.

DIPHTHERIA IMMUNISATION.

Number of Children who completed course during the year 1942 :—

under 5 years ... 381
Between 5 & 15 years 842 } TOTAL 1,223

Children under 8 years given two Injections of A.P.T.

Children over 8 years given three Injections of T.A.F.

Percentage of Child Population immunised at 31st December under 5 years, 45.4 ; age 5 years but under 15 years, 84.4

General.

There is a disinfecting and cleansing Station where verminous persons and their belongings can be treated, also cases of Scabies in school children may have baths. There is also a bath at the school clinic.

51 Diphtheria swabs were examined. Arrangements have been made for examinations if required of swabs from cases of Puerperal Pyrexia.

TUBERCULOSIS.

There were 17 new cases of Pulmonary Tuberculosis and 15 deaths, new Non-Pulmonary cases of Tuberculosis were 13 and one death.

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Years								
0-1	—	—	—	—	—	—	—	—
1-5	—	—	1	1	—	—	—	—
5-10	1	—	3	1	—	—	—	—
10-15	—	—	2	1	—	—	—	—
15-20	3	2	1	1	—	1	—	—
20-25	1	1	1	1	—	1	—	1
25-35	2	1	—	—	—	1	—	—
35-45	1	1	1	—	2	1	—	—
45-55	4	—	—	1	5	—	—	—
55-65	—	—	—	—	1	—	—	—
65 & upwards	—	—	—	—	1	—	—	—
Totals :	12	5	9	6	9	4	—	1
	17		15		13		1	
1941 Totals ...	12	8	7	15	4	6	1	—
	20		22		10		1	
1940 Totals ...	9	6	3	6	—	5	1	—
	15		9		5		1	
1939 Totals ...	6	5	6	10	12	9	—	—
	11		16		21		—	

MATERNITY AND CHILD WELFARE.

122 women made 160 attendances at the Ante-Natal Clinic during 1942. These figures are very satisfactory; showing how the services rendered are appreciated.

Dr. Newton is available through any of the local practitioners for cases of abnormal confinement.

The Infantile Mortality Rate for the year was 60.4 deaths per 1,000 Live Births, against 44.9 for 1941. The births were 253 against 252 for 1941. There were 15 Still-Births for 1942, against 11 for 1941.

There were 15 deaths of infants under 1 year of age compared with 11 for 1941.

The Milk (Mother and Children) Order, 1939, has been carried out according to the Ministry of Health Scale.

Measles, Whooping Cough, Epidemic Diarrhoea, and Pemphigus Neonatorum are visited by the Health Visitor.

102 Mothers were confined at Moorlands Maternity Home against 88 for 1941. 49 Mothers confined in other hospitals or nursing homes outside the district. 39 St. Mary's Hospital; 3 Birch Hill Hospital; 1 Burnley; 6 Brierfield. Total 151

Dr. A. Callum, of Burnley is the Consultant for Puerperal Pyrexia cases, and is available through the Medical Officer of Health.

Maternal Deaths are investigated by Dr. Hall, the County Medical Officer of Health.

Visits paid by the Health Visitor during the year 1942 :—

To Expectant Mothers	94
To infants under 1 year (first visits)	248
To infants under 1 year (total visits)	823
To children 1-5 years (total visits)	652
Visits re still-births	8
Ophthalmia Neonatorum cases visited	1
Puerperal Pyrexia cases visited	—
Whooping Cough cases visited	—
Measles cases visited	20
Pemphigus Neonatorum cases visited	—

The Maternity Centre was open 51 times when Mothers and Guardians made 1,659 attendances and children 1,747.

Death Rate from Puerperal Causes.

	Deaths	Death rate per 1,000 total (live and still births).
Puerperal Sepsis	None	Nil.
Other Causes	None	Nil

Orthopaedic Clinic Held at Rawtenstall.

The following Table shows the number of Bacup children, of school age who attended the Orthopaedic Clinic for treatment during the year ended the 31st December, 1942.

Sex	Age Yrs.	Diagnosis.	ATTENDANCE Surgeon's Clinic	Ordinary Clinic	School
F.	12	Infantile Paralysis ...	6	4	St. Mary's
M.	12	Chronic Arthritis R. Shoulder ...	6	4	Blackthorn
M.	6	Right Talipes	2	4	St. Mary's
F.	6	Arthrogryphosis Multiple Congenita ...	4	3	Thorn Junior
F.	9	Valgus Heels	1	1	Thorn Junior
F.	13	Infantile Paralysis ...	2	1	St. Mary's
M.	14	Old Birth Palsy	2	—	Blackthorn
F.	10	Flat Feet	3	1	St. Mary's
F.	10	Infantile Paralysis ...	2	2	Sharneyford
M.	13	Prominent Metatarses ...	2	4	Western
M.	10	Infantile Paralysis ...	2	1	Thorn Junior
F.	10	Curly Toes	3	1	Tunstead
F.	6	Old Supracondylar fracture right	1	—	Sharneyford
M.	4	Birth Palsy	1	1	Mount Inf.
M.	5	Rickets	1	1	Mount Inf.
M.	13	Traumatic Deformity of right foot	1	1	Blackthorn
M.	5	L. Club Foot	1	2	St. Joseph's
F.	4	Burn Left Arm	2	2	St. Mary's
M.	4	Valgus Feet	1	1	Mount Infants

Three boys and one girl were treated in Biddulph Orthopaedic Hospital during the year.

List of Bacup Children under school age who attended the Clinic during the year 1942.

Maternity and Child Welfare Return.

Sex	Age	Diagnosis	Attendance	
			Surgeon's Clinic	Ordinary Clinic
M.	1	Mild Talipes	1	2
F.	2 mths	Sterno mastoid tumour	2	—
M.	2½	Congenital abnormality of back....	2	2
M.	8 mths	Club Foot	9	23
F.	1½	Nothing abnormal found	1	—
F.	4	Right Club Foot ...	6	8
M.	2 mths	Abnormality of thumb	1	1
M.	3	Mild Rickets	1	2
M.	2	Bursa Right Knee ...	1	1
M.	2	Genu Valgum	3	1
M.	1½	Flat Feet and Mild Bow Leg	1	—
M.	2	Mild Valgus Feet ...	1	2
M.	3	Mild Knock Knee ...	1	1
F.	1½	Hypertrophy of left leg	3	4
		Total :	33	47

Two cases received Treatment In Hospital during this year :—

one at Biddulph Orthopaedic Hospital ;

one at Marple Cripple Children's Hospital.

FACTORIES AND OTHER PREMISES.

1. Inspection of Factories and Other Premises.

Premises	Number of Inspections	Written Notices	Occupiers Prosecuted
Factories ... ... (with Mechanical Power)	11	1	—
Factories without Mechanical power ...	4	—	—
Other Premises (Other than Outworkers' Premises)	4	—	—
Total ...	19	1	—

2. Defects Found in Factories and Other Premises.

Particulars	Number of Defects			Number of Offences in respect of which Prosecutions were taken
Nuisances under the Public Health Acts :—	Found	Remedied	Referred to H.M. Inspt.	
Want of Cleanliness to WC's	1	1	—	—
W.C.'s of antiquated type	1	1	—	—
S.A. inadequately screened	1	1	—	—
Other Nuisances	1	1	—	—
TOTALS ...	4	4	—	—

INFECTIOUS DISEASES.

Number of cases of Infectious Diseases notified, and number of cases removed to Hospital during the year 1942.

Disease	Total Cases	Cases Notified Years -1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65-+	Total Cases removed to Hospital
Smallpox	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Scarlet Fever ...	13	–	–	–	1	1	4	5	–	–	2	–	–	1
Diphtheria	29	–	–	1	–	–	5	6	9	8	–	–	–	26
Enteric Fever ...	–	–	–	–	–	–	–	–	1	–	–	–	–	–
Measles, excluding German Measles ...	76	1	3	10	8	26	28	–	–	–	–	–	–	–
Whooping Cough ...	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Acute Pneumonia (Primary and Influenzal)	29	1	2	–	1	2	7	1	1	3	–	9	2	–
Puerperal Pyrexia...	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cerebro-spinal Fever	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Acute Poliomyelitis	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Encephalitis Lethargica ...	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dysentry ...	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Ophthalmia Neonatorum ...	1	1	–	–	–	–	–	–	–	–	–	–	–	–
Malaria :—														
Contracted in this country ...	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Abroad	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Erysipelas	3	–	–	–	–	–	–	–	–	2	–	1	–	–
TOTALS ...	151	3	5	11	10	29	44	12	10	13	2	10	2	27

REPORT OF CHIEF SANITARY INSPECTOR AND CLEANSING SUPERINTENDENT.

Sanitary Inspector's Office,
Rochdale Road,
BACUP,
July, 1943.

To His Worship the Mayor, Aldermen and Burgesses of the Borough of Bacup.

Mr. Mayor, Ladies and Gentlemen,

I beg to submit my fourth Annual Report of the Work done by the Sanitary Department during the year 1942.

SANITARY INSPECTION OF THE DISTRICT.

Total Number of Inspections	1847
Complaints Investigated...	160
Bakehouses Inspected	36
Farms Inspected (Cowsheds and Dairies)	35
Drainage Inspections	70
Drains tested with Colour Test...	11
Dwellinghouses Inspected—Housing Acts	19
Dwellinghouses Re-inspected—Housing Acts	38
Dwellinghouses Inspected—Public Health Acts	148
Dwellinghouses Re-inspected—Public Health Acts	188
Dwellinghouses Inspected—Infectious Diseases	40
Factories Inspected	19
Offensive Trades Premises Inspected :—	
Tripe Dressing Premises	4
Rag and Bone Dealers	4
Common Lodging Houses Inspected	28
Milk Samples submitted for Chemical Examination	29
Milk Samples submitted for Bacteriological Examination ...	27
Water Samples submitted for Bacteriological Examination ...	4
Inspections under the Rats and Mice Destruction Act 1919...	13
Inspections of Public Sanitary Conveniences	81
Public Cleansing Service (Visits to Tips, Salvage, etc.) ...	315
Butchers Shops Inspections	26
Market Stalls Inspections	35
Visits to Works in progress	16
Books disinfected...	60
Rooms and Houses disinfected	81
Cloths disinfected for Exportation	10 Bales.
Meat and Food Inspections ... ... — ...	56
Miscellaneous Visits—Public Air Raid Shelter Inspections, Lectures, Interviews, Kitchen Waste Bin Sites, Surveys and Demolition of Iron Pailings	294

SUMMARY OF SANITARY IMPROVEMENTS EFFECTED.

Public Health Act, 1936.
Bacup Corporation Act, 1906.

Interior of Houses.	
Dirty Houses Cleansed	3
Common Lodging House Rooms Limewashed	5
Sink Waste Pipes Repaired	4
Water Service Pipes Repaired or Renewed	16
New Firegrate Fixed	1
Window Sash and Frames Repaired	2
Plaster Ceilings Repaired	2
Plaster Walls Repaired	2
New Sink Waste Pipes Fixed	3
Chimney flue Freed from Obstuctions	1
New House Tap Fixed	1
Exterior of Houses.	
House Doors Repaired	1
New House Doors Fixed	2
Gable Wall Cement Rendered	0
Retaining Wall re-built	1
Stone Steps Re-built	1
New Rain Water Pipes Fixed	2
Chimney Stack and Mid-feather Re-built	1
Yards and Outbuildings.	
Choked drains and gullies cleansed	13
Yards Paving repaired	1
New Door fixed to Coal Store	1
Drainage.	
New drains laid	7
New Inspection Chamber Cover fitted	1
New Gully fixed and Drain re-laid	1
Surface Water Drainage Pipe repaired	1
Mill Premises connected to Public Sewer...	1
Water Closets.	
W.C. apartments cleansed	4
W.C. water service pipes repaired	5
W.C. Pans renewed	3
W-C. Drains cleared...	3
W.C. Doors refixed	3
W.C. Drains repaired	2
Waste water closets.	
Waste water closets converted to Fresh Water Closets...	3
Miscellaneous.	
Offensive accumulations removed...	2
Blankets and Beddings Steam disinfected	36
Statutory Notices issued	0
Preliminary Notices issued...	144
Bakehouses ;—Men's W.C's. and Urinals screened ...	1

MILK SUPPLY.

Bacteriological Examination of Milk.

27 Samples of Ordinary Milk were examined by the Methylene Blue Reduction Test of which 18 passed the Test, 17 samples passed the Coliform Test.

Compared with the Accredited Milk Standard 10 samples or 37% contained bacteria more than is permissible as compared with 62.5% for last year. Where the samples have failed to reach this reasonable standard of cleanliness your Inspector has, in each instance, endeavoured to promote, by personal contact with the producer, a keener attention and interest in the production of a purer milk supply. Arrangements are being made for the examination of samples of milk for the detection of Tubercle Bacilli.

Food and Drugs Act, 1938.

The following Samples of Milk were taken and submitted by me to the Public Analyst for examination :—

29 samples of milk were examined and with two exceptions found to be genuine.

Milk Sample No.	Adulteration	Result of Police Court Proceedings
374	3% added water	Vendor fined £3 plus £2-2-0 costs
393	14% added water	Vendor fined £20 plus £1-1-0 costs

The average composition of Milk produced in the Borough is given below together with the standard laid down by the Board of Agriculture :—

	Total Solids.	Milk Fat.	Solids not fat.
Board of Agriculture Standard	11.5%	3.0%	8.5%
Average of 29 samples ...	12.61%	3.78%	8.83%

It is worthy of comment that the composition of the milk retailed in the Borough still maintains its usual high standard. The farmers have maintained a good young breed of Milk Cow which has assured the quality of the milk and survived war-time feeding difficulties and is a praiseworthy achievement,

Offensive Trades.

Number on Register —	Tripe Boilers	2
,, ,,	Fat Melters...	1
,, ,,	Rag and Bone dealers ...	1

These premises have been regularly inspected and Byelaws adhered to.

Factories Act, 1937.

19 visits have been made under the above Act. 1 Notice was served. 4 Inspections have been made of Outworkers Premises (See Table shewing Defects found in Factories and Other Premises).

PUBLIC CLEANSING SERVICE.

The Health Committee are responsible for the Cleansing and Disposal of Contents of Ashpits, Privy middens, Dustbins, Cesspools and Pail-Closets and for the cleansing and maintenance of Public Sanitary Conveniences.

Storage. The following are the types of receptacles in use at the 31st March, 1943 :—

Fixed Ashpits	6
Dustbins	6548
Privy middens	4
Pail Closets	159
Waste water closets	416

Refuse Collection service.

The collection of domestic and trade refuse is performed by two S. & D. 7 cu. yd. Refuse Collection vehicles. These waggons purchased in 1932 and 1933 still continue to give every satisfaction and have proved eminently satisfactory for this class of work locally.

Refuse Disposal.

All refuse is disposed of by Controlled Tipping on two tips—one at Change and the other known as Blackwood Tip, Stacksteads.

During the year 225 dustbins have been sold and delivered by this Department.

SALVAGE OF WASTE MATERIALS.

The following table shows the Tonnage of Materials Salved and the amounts realised respectively during the twelve months of intensive Salvage Work ending 31st March, 1943 :—

	Tons	Cwts.	Qrs.		£	s.	d.
Waste Paper ...	...116	4	2	...	786	12	8
Black Scrap (Iron) ...	8	7	—	...	20	8	6
Destructor Scrap (Tins)	44	12	3	...	43	15	6
Non Ferrous Scrap ...		16	3	...	17	19	7
Textiles (Rags, etc.) ...	3	8	3	...	45	6	11
Rubber	1	10	1	...	1	10	0
Bottles and Jars ...	10	—	—	...	36	4	2
Household Bones ...	2	8	—	...	7	7	8
Kitchen Scraps ...	19	16	—	...	39	12	0
Miscellaneous	—	8	—	...	1	3	2
TOTALS :	207	12	—	...	£1000	0	2

I am, Mr. Mayor, Ladies and Gentlemen,
Your Obedient Servant,
W. A. HEALEY.